

5.1 Charred plant remains by Gill Campbell

Table 1. Charred and mineral-replaced plant remains from excavations at Rowbury Farm 2003

Sample	4204	4250	4297	4229	4235	4239	4197	4235
Context	F1180/2/13	P425/8	P438/13	P408/9	P418/6	P434/17	P410/2	F1185/3/2
% of sample analysed	100	100	100	100	50	25	100	100
date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
TAXA (element if not a seed)								
<i>Pteridium aquilinum</i> (L.) Kuhn	-	-	-	-	-	1	-	-
<i>Ranunculus acris/repens/bulbosus</i>	4	1	-	-	-	-	-	-
<i>R. parviflorus</i> L.	-	-	-	-	-	1	-	-
<i>R. cf. ficaria</i> L.	-	-	-	-	-	1	-	-
Ranunculus Subgen. <i>Ranunculus</i>	-	1	-	-	-	1	1	-
<i>Papaver somniferum</i> L.	-	2	15	1	-	2	-	-
<i>P. somniferum</i> L. (silicified)	-	-	16	-	-	1	-	-
<i>P. somniferum</i> L. (mineral-replaced)	-	2	-	-	-	-	-	-
<i>P. cf. hybridum</i> L. (capsule top)	3	-	-	-	-	-	-	-
<i>P. rhoeas/dubium/hybridum</i>	-	-	-	-	-	2	-	-
<i>P. rhoeas/dubium/hybridum</i> (silicified)	-	-	-	-	-	1	-	-
<i>P. argemone</i> L.	-	-	-	-	-	2	-	-
<i>Papaver</i> sp.	-	1	-	-	-	7	-	-
<i>Papaver</i> sp. (capsule head)	-	-	1	-	-	-	1	-
cf. <i>Papaver</i> sp. (mineral-replaced)	-	-	-	1	-	-	-	-
<i>Fumaria</i> sp.	3	-	1	-	1	4	-	-
<i>Urtica dioica</i> L.	-	2	-	-	-	7	-	-
<i>Corylus avellana</i> L. (nutshell frag.)	-	-	-	-	-	8	-	-
<i>Chenopodium</i> cf. <i>album</i> L.	8	-	2	-	-	7	-	1
<i>Atriplex</i> sp.	6	2	-	2	-	31	-	-
Chenopodiaceae indet.	-	-	-	2	-	37	2	1
<i>Montia fontana</i> L.	4	-	-	-	-	-	-	-

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	% of sample analysed	100	100	100	100	50	25	100	100
	date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
<i>Arenaria</i> sp.		-	1	-	-	-	6	-	-
<i>Stellaria media</i> gp.		-	-	-	-	-	1	-	-
<i>S. graminea</i> L.		-	2	-	-	-	3	-	-
<i>S. cf. graminea</i> L.		-	-	-	-	-	1	-	-
<i>Cerastium cf. fontanum</i> Baumg.		-	-	-	-	-	1	-	-
<i>Silene</i> sp.		-	1	-	1	-	-	-	-
Caryophyllaceae indet.		-	-	-	-	-	3	-	-
Caryophyllaceae indet. (capsule fragment)		1	-	-	-	-	-	-	-
Chenopodiaceae/Caryophyllaceae indet.		-	-	1	-	1	-	-	-
<i>Polygonum aviculare</i> agg.		2	3	1	-	4	21	-	-
<i>Fallopia convolvulus</i> (L.) Á. Löve		5	2	1	1	2	1	1	-
cf. <i>F. convolvulus</i> (L.) Á. Löve		-	-	-	-	-	2	-	-
<i>Rumex</i> sp(p).		64	7	3	6	12	22	3	-
Polygonaceae indet.		-	4	1	1	-	36	1	2
<i>Malva</i> sp.		-	-	-	-	-	2	-	-
Malvaceae indet.		-	-	-	-	-	2	-	-
<i>Salix</i> sp. (bud)		-	1	-	-	-	-	-	-
<i>Brassica cf. rapa</i> ssp. <i>sylvestris</i> (L.) Clapham		5	-	-	-	-	-	-	-
cf. Brassiceae indet.		-	-	-	-	1	-	-	-
<i>Potentilla</i> sp.		-	2	1	2	-	17	1	-
<i>Aphanes arvensis</i> sens. lat.		1	1	-	1	1	6	-	-
<i>Vicia/Lathyrus</i> sp.		1	3	1	1	12	1	17	5
<i>Vicia/Lathyrus</i> sp. (immature)		-	-	-	-	1	-	-	-
cf. <i>Vicia/Lathyrus</i> sp.		-	-	-	-	3	-	-	-
<i>Medicago lupulina</i> L.		16	2	-	-	-	-	-	-
<i>Medicago</i> type		-	11	-	-	-	10	-	-
<i>Trifolium</i> type		-	-	-	-	-	2	-	-
Fabaceae (large) indet.		-	-	-	-	-	-	1	-
Fabaceae (small) indet.		6	14	6	1	9	12	1	1
<i>Euphorbia exigua</i> L.		1	-	-	-	-	-	-	-

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	% of sample analysed	100	100	100	100	50	25	100	100
	date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
cf. <i>Linum catharticum</i> L.		-	1	-	-	-	-	-	-
<i>Anthriscus sylvestris</i> (L.) Hoffm.		-	-	-	-	-	1	-	-
cf. <i>A. caucalis</i> M. Bieb		-	-	1	-	-	-	-	-
cf. <i>Conium maculatum</i> L.		-	-	-	-	-	-	1	1
cf. <i>Pastinaca sativa</i> L.		-	-	1	-	-	-	-	-
<i>Torilis nodosa</i> (L.) Gaertn.		-	-	2	-	1	2	1	-
Apiaceae indet.		-	2	-	1	16	32	2	2
<i>Lithospermum arvense</i> L.		2	-	4	-	2	6	1	-
<i>Verbena officinalis</i> L.		-	-	-	-	-	1	-	-
cf. <i>Ballota nigra</i> L.		-	-	-	-	-	2	-	-
<i>Glechoma hederacea</i> L.		-	-	-	-	-	-	1	-
Lamiaceae indet.		19	-	-	-	-	-	1	-
cf. Lamiaceae indet.		-	-	-	-	-	3	-	-
<i>Plantago media/lanceolata</i>		-	-	-	2	2	-	3	-
<i>Veronica</i> cf. <i>arvensis</i> L.		-	1	1	-	1	2	-	-
<i>V. hederifolia</i> L.		-	-	-	-	-	2	-	-
<i>Euphrasia/Odontites</i> sp.		-	-	-	2	2	-	-	-
cf. <i>Legousia hybrida</i> (L.) Delarbre		-	-	-	-	-	-	-	1
<i>Sherardia arvensis</i> L.		-	3	1	3	10	8	5	-
cf. <i>Sherardia arvensis</i> L.		-	-	-	-	-	-	-	1
<i>Galium</i> cf. <i>aparine</i> L.		40	6	-	5	2	15	15	8
<i>Galium</i> sp.		2	2	1	2	3	3	-	-
<i>Valerianella dentata</i> (L.) Pollich		3	1	-	-	-	2	-	-
<i>Carduus</i> sp.		1	-	-	-	-	-	-	-
<i>Carduus/Cirsium</i> sp.		4	-	-	-	-	-	-	-
<i>Centaurea</i> sp.		-	-	1	-	2	-	-	-
cf. <i>Centaurea</i> sp.		-	1	-	-	-	-	-	-
<i>Lapsana communis</i> L.		-	-	-	-	-	-	1	-
<i>Anthemis arvensis</i> L.		-	36	-	-	21	36	-	-
cf. <i>Leucanthemum vulgare</i> L.		-	-	-	-	2	-	-	-

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	% of sample analysed	100	100	100	100	50	25	100	100
	date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
<i>Tripleurospermum</i> sp.		4	9	3	4	1	17	-	-
Asteraceae (small) indet.		-	1	-	1	-	1	-	-
Asteraceae (large) indet.		-	1	-	-	-	-	-	-
cf. Asteraceae (small) indet.		-	-	-	-	-	3	-	-
cf. Asteraceae (small) indet. – mineral-replaced		-	2	-	-	-	-	-	-
<i>Eleocharis palustris</i> type		-	-	-	-	-	3	-	-
<i>Carex</i> spp.		-	1	-	-	3	6	-	-
<i>Carex</i> sp. – mineral-replaced		-	1	-	-	-	-	-	-
Cyperaceae indet.		-	-	-	-	-	-	1	-
<i>Lolium</i> cf. <i>perenne</i> L.		-	-	-	-	-	1	90	8
<i>Poa annua</i> type		-	4	-	-	1	-	-	1
<i>Avena</i> sp. (grain)		-	-	-	-	-	-	2	2
cf. <i>Avena</i> sp. (floret base)		-	-	-	2	2	1	-	-
<i>Avena</i> type (awn)		-	1	-	-	1	-	33	1
<i>Bromus hordeaceus</i> type		-	5	30	3	53	4	2	2
<i>Bromus</i> sp. (very broad)		-	-	-	-	11	-	1	-
cf. <i>Bromus</i> sp.		4	3	5	3	39	-	3	-
cf. <i>Bromus</i> sp. (floret base)		-	-	4	-	9	-	-	-
<i>Anisantha</i> sp.		-	1	-	-	2	2	-	-
Poaceae (large) indet.		5	6	2	-	29	8	133	30
Poaceae (small) indet.		1	15	10	1	19	53	25	12
Poaceae size (embryo)		1	-	-	-	-	-	-	-
Poaceae size (culm node)		-	-	-	-	6	1	1	-
Poaceae size (rhizome)		6	-	-	1	3	9	-	-
<i>Triticum spelta</i> L. (glume base)		53	18	37	13	51	102	1	13
<i>T. spelta</i> L. (spikelet fork)		-	-	1	-	-	5	36	-
<i>T. spelta</i> L. (rachis internode)		1	4	-	1	2	25	4	1
<i>T. spelta</i> type (grain)		7	2	1	-	6	6	-	-
<i>T. cf. spelta</i> type (grain)		5	-	-	-	-	-	-	-

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% of sample analysed	100	100	100	100	50	25	100	100
date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
<i>T. dicoccum/spelta</i> (glume base)	-	40	136	38	103	247	143	40
<i>T. dicoccum/spelta</i> (spikelet fork)	-	11	19	8	12	20	13	3
<i>T. dicoccum/spelta</i> type (grain)	4	6	2	2	9	5	6	1
<i>T. dicoccum/spelta</i> type (sprouted grain)	-	-	-	-	-	-	2	-
<i>Triticum</i> sp. (grain)	7	3		7	45	5	32	13
<i>Triticum</i> sp. (glume beak) – silicified	-	-	464	-	-	-	-	-
<i>Triticum</i> sp. (glume base)	3	19	47	-	293	52	25	9
<i>Triticum</i> sp. (spikelet fork)	5	3	11	-	18	8	10	2
<i>Triticum</i> sp. (basal node)	2	-	-	-	1	-	-	-
<i>Triticum</i> sp. (rachis internode)	3	2	18	1	5	9	6	2
<i>Triticum</i> sp. (glume base/rachis internode)	-	-	-	-	-	6	-	-
cf. <i>Triticum</i> sp. (grain)	-	-	-	1	-	-	-	-
<i>Secale cereale</i> L. (rachis)	-	-	-	-	-	2	-	-
cf. <i>S. cereale</i> L. (rachis)	-	-	-	-	-	-	2	-
<i>Triticum/Secale</i> sp. (awn fragment)	-	1	3	-	-	-	1	-
<i>Triticum/Secale</i> sp. (awn fragment) – silicified	-	-	1728	-	-	-	-	-
<i>Hordeum vulgare</i> L.(rachis)	14	9	5	5	2	3	10	1
<i>Hordeum</i> sp. (hulled straight grain)	2	-	-	-	-	2	1	-
<i>Hordeum</i> sp. (sprouted hulled straight grain)	-	-	1	-	-	-	-	-
<i>Hordeum</i> sp. (hulled twisted grain)	4	-	-	1	-	1	1	-
<i>Hordeum</i> sp. (hulled grain)	19	2	1	1	4	4	7	3
<i>Hordeum</i> sp. (hulled sprouted grain)	-	-	-	-	-	-	1	-
<i>Hordeum</i> sp. (grain)	13	1	-	1	5	1	16	6
<i>Hordeum</i> sp. (awn)	1	-	32	-	-	-	1	-
<i>Hordeum</i> sp. (rachis)	-	4	6	2	5	2	6	-
<i>Secale/Hordeum</i> sp. (rachis)	2	4	5	1	8	5	6	2
cf. <i>Hordeum</i> sp.	7	-	-	-	2	-	-	-
Cereales indet. (grain)	56	16	3	12	126	10	122	72
Cereales indet. (rachis)	2	-	-	-	-	-	1	5
Cereal size (embryo)	-	1	4	-	6	8	2	2

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	% of sample analysed	100	100	100	100	50	25	100	100
	date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
Cereal size (sprout)		-	-	-	-	-	-	5	1
Cereal size (culm node)		53	14	1	1	6	10	4	1
Cereal size (culm node) – mineral-replaced		-	1	-	-	-	-	-	-
Cereal size (rhizome/culm base)		40	10	1	4	2	11	3	-
<i>Cenocccum</i> sp.		-	-	-	2	-	-	-	-
Characeae indet.		-	3	-	-	-	1	-	-
indeterminate bud		-	-	-	1	-	2	7	-
leaf abscission pad		-	-	-	-	-	-	1	-
leaf fragments		-	-	-	-	-	-	4	-
moss fragment		-	2	-	-	-	-	-	-
indeterminate herbaceous material		-	-	-	-	-	++	+	+
indeterminate tuber		1	5	-	2	8	-	-	-
mouse dropping		5	-	-	-	1	-	-	-
mineral-replaced mystery object		-	-	21	-	-	1	-	-
mineral-replaced ignota		-	4	-	2	-	-	-	-
ignota		13	3	4	5	12	31	7	7
Fragments of twine		-	-	-	-	-	4	-	-
Total no. of items identified		544	356	2667	161	1022	1074	837	263
No. of items per litre		21.76	14.24	106.68	6.44	40.88	42.96	33.48	10.52
Total weed items		222	167	116	50	290	477	351	79
Total barley rachis		16	17	16	8	15	10	22	3
Total barley grain		45	3	2	3	11	8	26	9
Total wheat chaff		70	105	282	67	509	473	287	72
Total wheat grain		23	11	3	10	60	16	40	14

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	% of sample analysed	100	100	100	100	50	25	100	100
	date and feature type	EIA ditch	EIA pit	EIA pit	MIA pit	MIA pit	MIA pit	ERB pit	RB ditch
Total cereal grain		124	30	8	25	197	34	188	95
Total cereal chaff		178	139	286	74	508	502	234	79
Total wheat and barley grain		68	14	5	13	71	24	66	23
Percentage wheat grain		34%	79%	60%	77%	85%	67%	61%	61%
Percentage barley grain		66%	21%	40%	23%	15%	33%	39%	39%
Cereales indet. (grain)		56	16	3	12	126	10	122	72
Total corrected wheat grain		42	24	5	19	166	23	114	58
Total corrected barley grain		82	6	3	6	31	11	74	37
Ratio 1		1.67	4.45	58.75	3.48	3.06	20.87	2.52	1.25
Ratio 2		0.19	2.64	5.00	1.39	0.49	0.88	0.30	0.08
Ratio 3		1.79	5.57	14.50	2.00	1.47	14.03	1.87	0.83
Percentage grain		23%	8%	0%	16%	19%	3%	22%	36%
Percentage chaff		33%	39%	11%	46%	50%	47%	28%	30%
Percentage weed		41%	47%	4%	31%	28%	44%	42%	30%